

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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COMPLETE IF KNOWN

Application Number	10/814,474
Filing Date	March 31, 2004
First Named Inventor	Sachs, Jeffrey R. et al.
Group Art Unit	2881
Examiner Name	Berman, Jack I.
Attorney Docket Number	21344Y

Sheet

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of

4

Attorney Docket Number

21344Y

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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Examiner
Signature

Jack Berman

Date Considered

1/11/2005

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NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No.	Include name of the author, title, date, page(s), volume-issue number(s) and place of publication.
JB		Andersen, J. et al. "Proteomic characterization of the human centrosome by protein correlation profiling", Nature, 2003, Vol. 426, pp. 570-574
JB		Ball, G. et al. "An integrated approach utilizing artificial neural networks and SELDI mass spectrometry for the classification of human tumours and rapid identification of potential biomarkers", Bioinformatics, 2002, Vol. 18, pp. 395-404
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JB		Flory, M. et al. "Advances in quantitative proteomics using stable isotope tags", Trends in Biotechnology, 2002, Vol. 20, No. 12 (Suppl.), pp. S23-S29
JB		Frank, R. et al. "Clinical Biomarkers in Drug Discovery and Development", Nature, 2003, Vol. 2, pp. 566-580
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JB		Gillespie, B. et al. "Optimizing Time-Frequency Kernels for Classification", IEEE Transactions of Signal Processing, 2001, Vol. 49, pp. 485-496
JB		Glish, G. et al. "The Basics of Mass Spectrometry in the Twenty-First Century", Nature, 2003, Vol. 2, pp. 140-150
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JB		Issaq, H. et al. "SELDI-TOF MS for Diagnostic Proteomics", Analytical Chemistry, 2003, Vol. 75, pp. 149A-155A
JB		Juang, B. et al. "On the Use of Bandpass Filtering in Speech Recognition", 1987, Vol. ASSP-35, pp. 947-954
JB		Lee, Y. et al. "Protein chips: from concept to practice", Trends in Biotechnology, 2002, Vol. 20, No. 12 (Suppl.), pp. S14-S18

Examiner Signature	<i>Jack Berman</i>	Date Considered	1/11/2005
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NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No.	Include name of the author, title, date, page(s), volume-issue number(s) and place of publication.
JPB		Lieberman, S. et al. "Identification of the β cell antigen targeted by a prevalent population of pathogenic CD8+ T cells in autoimmune diabetes", Proc. Natl. Acad. Sci. USA, 2003, Vol. 100, pp. 8384-8388
JPB		Lim, C. et al. "Current Development in LC-MS for Pharmaceutical Analysis", Biol. Pharm. Bull., 2002, Vol. 25, pp. 547-557
JPB		Link, A. et al. "Direct analysis of protein complexes using mass spectrometry", 1999, Nature Biotechnology, Vol. 17, pp. 676-682
JPB		Link, A. "Multidimensional peptide separations in proteomics", Trends in Biotechnology, 2002, Vol. 20, No. 12 (Suppl.) pp. S8-S13
JPB		Naureckiene, S. et al. "Identification of <i>HE1</i> as the Second Gene of Niemann-Pick C Disease", Science, 2000, Vol. 290, pp. 2298-2301
JPB		Ong, S. et al. "Mass spectrometric-based approaches in quantitative proteomics", Methods, 2003, Vol. 29, pp. 124-130
JPB		Ong, S. et al. "Properties of ^{13}C -Substituted Arginine in Stable Isotope Labeling by Amino Acids in Cell Culture (SILAC)", Journal of Proteome Research, 2003, Vol. 2, pp. 173-181
JPB		Ong, S. et al. "Stable Isotope Labeling by Amino Acids in Cell Culture, SILAC, as a Simple and Accurate Approach to Expression Proteomics", Molecular & Cellular Proteomics, 2002, Vol. 1, pp. 376-386
JPB		Pauler, D. et al. "Predicting time to prostate cancer recurrence based on joint models for non-linear longitudinal biomarkers and event time outcomes", Statistics in Medicine, 2002, Vol. 21, pp. 3897-3911
JPB		Petricoin, E. et al. "Proteomic analysis at the bedside: early detection of cancer", Trends in Biotechnology, 2002, Vol. 20, No. 12 (Suppl.), pp. S30-S34
JPB		Petricoin, E. et al. "Serum Proteomic Patterns for Detection of Prostate Cancer", Journal of the National Cancer Institute, 2002, Vol. 94, pp. 1576-1578
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JPB		Pitton, J. et al. "Discrete-Time Implementation of the Cone-Kernel Time-Frequency Representation", IEEE Trans. Signal Processing, 1995, Vol. 43, pp. 1996-1998
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JPB		Ryan, T. et al. "Proteomics: drug target discovery on an industrial scale", Trends in Biotechnology, 2002, Vol. 20, No. 12 (Suppl.), pp. S45-S51

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JPB		Sechi, S. et al. "Quantitative proteomics using mass spectrometry", Current Opinion in Chemical Biology, 2003, Vol. 7, pp. 70-77
JPB		Sidransky, D. et al. "Serum Protein MALDI Profiling to Distinguish Upper Aerodigestive Tract Cancer Patients From Control Subjects", Journal of the National Cancer Institute, 2003, Vol. 95, pp. 1711-1717
JPB		Smith, R. "Trends in mass spectrometry instrumentation for proteomics", Trends in Biotechnology, 2002, Vol. 20, No. 12 (Suppl.), pp. S3-S7
JPB		Tammen, H. et al. "Expression profiling of breast cancer cells by differential peptide display", Breast Cancer Research and Treatment, 2003, Vol. 79, pp. 83-93
JPB		Tao, W. et al. "Advances in quantitative proteomics via stable isotope tagging and mass spectrometry", Current Opinion in Biotechnology, 2003, Vol. 14, pp. 110-118
JPB		Uchida, T. et al. "Application of a Novel Protein Biochip Technology for Detection and Identification of Rheumatoid Arthritis Biomarkers in Synovial Fluid", Journal of Proteome Research, 2002, Vol. 1, pp. 495-499
JPB		Wang, W. et al. "Quantification of Proteins and Metabolites by Mass Spectrometry without Isotopic Labeling or Spiked Standards", Analytical Chemistry, 2003, Vol. 75, pp. 4818-4826
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		Williams, A. et al. "Compare LC/MS - Extracting Component Differences in Similar LC/MS Data Sets", Advanced Chemistry Development, 2001
JPB		Ye, B. et al. "Haptoglobin- α Subunit As Potential Serum Biomarker in Ovarian Cancer: Identification and Characterization Using Proteomic Profiling and Mass Spectrometry", Clinical Cancer Research, 2003, Vol. 9, pp. 2904-2911
JPB		Zhu, W. et al. "Detection of cancer-specific markers amid massive mass spectral data", Proc. Natl. Acad. Sci. USA, 2003, Vol. 100, pp. 14666-14671
JPB		Caprion Pharmaceuticals, Inc., Presentation to Merck, February 14, 2003

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